SECURITY INFORMATION US HRUSA REPORTS TO HE AVAILABLE FOR 1953 BRUSA CONSEC CONFERENCES

erusa papers forwarded To uk		BRUSA NO.	erusa papers to be forwarded to uk
	REENTRY SYSTEMS a. AFSAM 7 (PCLLUX/ADORTS	74,83,91,92,93,95, 96,97,98,99,109(NSA-34), 140,145,154,180,252 (NSA-34),253,257,268, 270	
	d. Afsam 9 (Iris/Pygmalion, Athena, Aeneas)	69,76,82,89,90,100, 101,102,103,112(NSA-34), 126,130,155,187,198,258, 261	
	c. AFSAN 7 - AFSAM 9	88,163,266	
1	d. General	184,276	
;	Reflex Teletype Systems 2. ASAM 2-1 (MINERVA/APOLLO/ ORCUS)	263,277	
	CALL SIGN CIPHER Systems B. Amazon	278	
1	b. Penelope	271	
•	e. General	53(NSA-3 4),255	
* t	CCM SYSTEMS a. AJAX	70,72,84,85,86,87,94 133,147,148 and addendum 174,179,254	156-"Recovery of Setup for Two Isologous Encipherments in AJAX
* 1	b. HERES	77,115,120,183,191	or HERMES with Riv Misplaced"
* (a. AJAX-HERMES	135,144,165 and addendum 193,194(NSA-34)	171-"Length of Crib Needles and the Time Required for an Exhaustion Attack by a Catalogue
នឃ្យ	pporting material for	ce they contain valuable discussions of LUCIFER. o discuss AJAX or HERMES per	Process on AJAX, ARRIVE and LUCIPER

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BRUSA NO.	ERUSA PAPERS TO BE FORWARDED TO UK
111,141,152,169,175,176 177,185,199	
25,71,79,81,127,128,129 164	172-"Identification of the Cores and Notch Rings in LUCIFER from
195	Matched Plain and Cipher Text"
173,178,192	-
48,49(NSA-34),108, 110(NSA-34)	189-"Identification of LUCIFER MARK I Setup from R5 Offset Situation"
56(mga_3l;) 57(mga_3l;)	264-"Analysis of
262,265	Combining Circuit of 37 Stage NOKEN"
	279-"Coincidence Tests on ARTICHOKE Key"
45	281-"An Evaluation of the Crypto- security of
113	ROLLICK"
25 9 ,26 9	256-"Tentative Crypto- security Evaluation of the HSI System"
26 0	
280	1
116,117,189	
191	
104,105,106,107,134 (NSA-34)	
	S. September 2.
	111,141,152,169,175,176 177,185,199 25,71,79,81,127,128,129 164 195 173,178,192 48,49(NSA-34),108, 110(NSA-34) 56(NSA-34),57(NSA-34), 262,265 45 113 259,269 260 280 116,117,189 191

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b. MCM (MARS)	62,139,167,186,196	
c. DEM 21	151	
10. Authentication Systems a. Dem 498	162 (88A-3 4) ,2 67	
b. SATYR	181	
11. CHE-TIME EQUIPMENT SYSTEMS 6. AFSAW 7200	200,274	
12. CODES a. ASREX	73	
l3. Wrather Systems a. Den 31	150	
l4. Manual systems a. Playfex	i i i i i i i i i i i i i i i i i i i	
b. Mercury	272	
c. Strip Systems	43,80,158(NSA-34),159 (NSA-34),160(NSA-34), 273	
15. CIPHONI SYSTEMS 8. AFSAY 806(THOR)	142	
b. AFSAY 816 (HELLEROPHON)	131	
c. Dey 804	146	
d. Der 807	149	
e. DEY 808	137	
r. Der 809	143	
g. afsay 830	166	
h. HALLMARK Key Generators	46	
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16. CIFAX SYSTEMS a. AFSAX 500 (CYCLOPS)	123,125	
b. DEK 503	136	
e. METPAX	47	
17. DUP 1	12	
18. GENERAL CRYPTANALYSIS	NSA-34: 50,51,52,54, 55,58,59,60,61,67,114, 118,119,132,157,161, 194,251	
	MSA-412: 63,64,65,66,68, 78,121,122,124,182,197, 275	
19. GENERAL REPORTS	170	

MISCELLANEOUS PTEMS SENT:

- 1. "Recommended New AJAX-HERMES Procedure" (no BRUSA number)
- 2. CCM Summary Sheets

BRUSA PAPERS BEING PREPARED FOR CONFERENCE

- 1. Cryptosecurity Evaluation of DEM 17 With One CCM Cascade
- 2. Cryptosecurity Evaluation of RASSIM
- 3. Cryptographic Data Sheet of PMCMALION Cryptosystem (Tentative)
- 4. Cryptographic Data Sheet of IRIS and AENEAS (Tentative)
- 5. Cryptosecurity Evaluation of IRIS Cryptosystem
- 6. Cryptosecurity Evaluation of ATHENA Cryptosystem
- 7. Cryptosecurity Evaluation of BALDER Cryptosystem

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- 8. Cryptosecurity Evaluation of PAMDORA Cryptosystem
- 9. LOUSE Method of Attack on POLLUK (HRUSA C/S 282)
- 10. Reconstruction of R7 Core Wiring and R4 Notch Ring on POLLUK/ADONIS
- 11. Effect of Faulty Stepping on AFSAM 7